

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/510,408
Source: Pct/10
Date Processed by STIC: 10/16/04

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/510,408

DATE: 10/16/2004

TIME: 11:49:07

Input Set : N:\FATIMA\10510408.txt

Output Set: N:\CRF4\10162004\J510408.raw

3 <110> APPLICANT: Jorgensen, Steen Troels
 4 Olsen, Peter Bjarke
 5 Andersen, Jens Tonne
 6 Rasmussen, Michael Dolberg
 8 <120> TITLE OF INVENTION: Improved Bacillus Host Cell
 10 <130> FILE REFERENCE: 10295.204-US
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/510,408
 C--> 12 <141> CURRENT FILING DATE: 2004-10-05
 12 <160> NUMBER OF SEQ ID NOS: 191
 14 <170> SOFTWARE: PatentIn version 3.3

ERRORED SEQUENCES

20286 <210> SEQ ID NO: 191
 20287 <211> LENGTH: 781
 20288 <212> TYPE: PRT
 20289 <213> ORGANISM: Bacillus licheniformis
 20291 <400> SEQUENCE: 191
 20293 Met Ala Lys Arg Lys Arg Lys Ser Thr Lys Lys Gln Lys Gln Gly Lys
 20294 1 5 10 15
 20297 Lys Arg Ile His Leu Lys Phe Glu Leu Tyr Gly Leu Ile Cys Ile Ala
 20298 20 25 30
 20301 Ile Ser Ile Ile Ala Val Leu Gln Leu Gly Val Ala Gly Gln Thr Phe
 20302 35 40 45
 20305 Ile Tyr Met Phe Arg Phe Phe Ala Gly Glu Trp Phe Ile Leu Cys Leu
 20306 50 55 60
 20309 Leu Gly Leu Phe Leu Thr Gly Leu Ser Leu Phe Trp Lys Lys Lys Thr
 20310 65 70 75 80
 20313 Pro Ser Phe Leu Thr Arg Arg Lys Ala Gly Leu Tyr Cys Ile Ile Ala
 20314 85 90 95
 20317 Ser Met Leu Leu Leu Ser His Val Gln Leu Phe Gln His Leu Thr Glu
 20318 100 105 110
 20321 Arg Gly Met Val Gln Ser Pro Ser Val Ile Gln Asn Thr Trp Glu Leu
 20322 115 120 125
 20325 Phe Leu Met Asp Val Lys Gly Glu Thr Gly Ser Pro Asp Leu Gly Gly
 20326 130 135 140
 20329 Gly Met Ile Gly Ala Leu Leu Phe Ala Ala Ser Tyr Phe Leu Phe Ala
 20330 145 150 155 160
 20333 Ser Ala Gly Ser Lys Ile Ile Ala Val Phe Leu Ile Leu Ile Gly Leu
 20334 165 170 175
 20337 Leu Leu Ile Thr Asp Arg Ser Leu Gln Glu Thr Leu Ile Lys Trp Met
 20338 180 185 190

Does Not Comply
 Corrected Diskette Needed

P.3

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DATE: 10/16/2004

PATENT APPLICATION: US/10/510,408

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Input Set : N:\FATIMA\10510408.txt

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20342      195      200      205
20345 Asp Leu Lys Gln Leu Lys Asn Ser Ser Pro Lys Lys Lys Ser Gly Lys
20346      210      215      220
20349 Lys Gln Lys Thr Gln Arg Lys Pro Lys Val Ser Glu Glu Pro Val Gln
20350      225      230      235      240
20353 Glu Ala Asp Leu Asp Pro Asp Pro Val Ile Gln Ser Glu Pro Ile Ile
20354      245      250      255
20357 Ser Ser Phe Ser Asp Arg Asp Glu Lys Pro Glu Val Gln Ala Tyr Glu
20358      260      265      270
20361 Ala Pro Ala Ala Pro Ala Glu Pro Pro Ala Glu Pro Glu Ile Gly Glu
20362      275      280      285
20365 Glu Met Gln Ala Ser Gly Ala Pro Glu Ile Thr Phe Thr Glu Leu Glu
20366      290      295      300
20369 Asn Lys Asp Tyr Gln Leu Pro Ser Ile Gln Leu Leu Asp Asp Pro Lys
20370      305      310      315      320
20373 His Thr Gly Gln Gln Ala Asp Lys Lys Asn Ile Tyr Asp Asn Ala Arg
20374      325      330      335
20377 Lys Leu Glu Arg Thr Phe Gln Ser Phe Gly Val Lys Ala Lys Val Thr
20378      340      345      350
20381 Gln Val His Leu Gly Pro Ala Val Thr Lys Tyr Glu Val Tyr Pro Asp
20382      355      360      365
20385 Val Gly Val Lys Val Ser Lys Ile Val Asn Leu Ser Asp Asp Leu Ala
20386      370      375      380
20389 Leu Ala Leu Ala Ala Lys Asp Ile Arg Ile Glu Ala Pro Ile Pro Gly
20390      385      390      395      400
20393 Lys Ser Ala Ile Gly Ile Glu Val Pro Asn Ala Glu Val Ala Met Val
20394      405      410      415
20397 Ser Leu Lys Glu Val Leu Glu Ser Lys Leu Asn Asp Arg Pro Asp Ala
20398      420      425      430
20401 Lys Leu Met Ile Gly Leu Gly Arg Asn Ile Ser Gly Glu Ala Val Leu
20402      435      440      445
20405 Ala Glu Leu Asn Lys Met Pro His Leu Leu Val Ala Gly Ala Thr Gly
20406      450      455      460
20409 Ser Gly Lys Ser Val Cys Val Asn Gly Ile Ile Thr Ser Ile Leu Met
20410      465      470      475      480
20413 Arg Ala Lys Pro His Glu Val Lys Met Met Met Ile Asp Pro Lys Met
20414      485      490      495
20417 Val Glu Leu Asn Val Tyr Asn Gly Ile Pro His Leu Leu Ala Pro Val
20418      500      505      510
20421 Val Thr Asp Pro Lys Lys Ala Ser Gln Ala Leu Lys Lys Val Val Asn
20422      515      520      525
20425 Glu Met Glu Arg Arg Tyr Glu Leu Phe Ser His Thr Gly Thr Arg Asn
20426      530      535      540
20429 Ile Glu Gly Tyr Asn Asp Tyr Ile Lys Arg Met Asn Ala Ala Glu Glu
20430      545      550      555      560
20433 Ala Lys Gln Pro Glu Leu Pro Tyr Ile Ile Val Ile Val Asp Glu Leu
20434      565      570      575
20437 Ala Asp Leu Met Met Val Ala Ser Ser Asp Val Glu Asp Ser Ile Thr

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20438          580          585          590
20441 Arg Leu Ser Gln Met Ala Arg Ala Ala Gly Ile His Leu Ile Ile Ala
20442          595          600          605
20445 Thr Gln Arg Pro Ser Val Asp Val Ile Thr Gly Val Ile Lys Ala Asn
20446          610          615          620
20449 Ile Pro Ser Arg Ile Ala Phe Ser Val Ser Ser Gln Thr Asp Ser Arg
20450 625          630          635          640
20453 Thr Ile Leu Asp Met Gly Gly Ala Glu Lys Leu Leu Gly Arg Gly Asp
20454          645          650          655
20457 Met Leu Phe Leu Pro Val Gly Ala Asn Lys Pro Leu Arg Val Gln Gly
20458          660          665          670
20461 Ala Phe Leu Ser Asp Glu Glu Val Glu Lys Val Val Asp His Val Ile
20462          675          680          685
20465 Ser Gln Gln Lys Ala Gln Tyr Gln Glu Glu Met Ile Pro Glu Glu Thr
20466          690          695          700
20469 Gln Glu Thr Val Ser Glu Val Thr Asp Asp Leu Tyr Asp Glu Ala Val
20470 705          710          715          720
20473 Ala Leu Val Val Ser Met Gln Thr Ala Ser Val Ser Met Leu Gln Arg
20474          725          730          735
20477 Arg Phe Arg Ile Gly Tyr Thr Arg Ala Ala Arg Leu Ile Asp Ala Met
20478          740          745          750
20481 Glu Glu Arg Gly Ile Val Gly Pro Tyr Glu Gly Ser Lys Pro Arg Glu
20482          755          760          765
20485 Val Leu Leu Ser Lys Glu Gln Tyr Glu Glu Leu Ser Ser
20486          770          775          780
E--> 20492 360

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/510,408

DATE: 10/16/2004

TIME: 11:49:09

Input Set : N:\FATIMA\10510408.txt

Output Set: N:\CRF4\10162004\J510408.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:20492 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:191